Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
Data File : BP013915.D
Acq On : 01 Mar 2023 12:01
Operator : CG/JU
Sample : PB151104BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 04:29:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB151104BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.098	152	161221	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	590881	20.000	ng		0.00
39) Acenaphthene-d10	14.733	164	377244	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	806410	20.000	ng		0.00
76) Chrysene-d12	21.568	240	704615	20.000	ng	#	0.00
86) Perylene-d12	24.109	264	805178	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1053566	107.703	ng		0.00
7) Phenol-d6	7.257	99	1322723	105.579	ng		0.00
23) Nitrobenzene-d5	9.275	82	854445	78.087	ng		0.00
42) 2,4,6-Tribromophenol	16.227	330	615878	112.153	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	1941298	67.591	ng		0.00
79) Terphenyl-d14	20.021	244	2834558	77.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	145294	34.172	ng		99
3) Pyridine	3.899	79	370320	32.308	ng		99
4) n-Nitrosodimethylamine	3.804	42	205284	47.791	ng	#	86
6) Aniline	7.416	93	617881	37.957	ng		96
8) 2-Chlorophenol	7.657	128	481809	46.695	ng		99
9) Benzaldehyde	7.228	77	258246m	43.327	ng		
10) Phenol	7.281	94	605788	46.455	ng		91
11) bis(2-Chloroethyl)ether	7.510	93	453910	43.493	ng		97
12) 1,3-Dichlorobenzene	7.987	146	522185	45.008	ng		98
13) 1,4-Dichlorobenzene	8.134	146	534685	45.623	ng		98
14) 1,2-Dichlorobenzene	8.451	146	510889	46.699	ng		98
15) Benzyl Alcohol	8.340	79	455645	51.837	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.628	45	488845m	43.851	ng		
17) 2-Methylphenol	8.540	107	404252	45.554	ng		96
18) Hexachloroethane	9.187	117	199841	48.680	ng		96
19) n-Nitroso-di-n-propyla...	8.910	70	359104	48.974	ng		98
20) 3+4-Methylphenols	8.875	107	542441	45.416	ng		96
22) Acetophenone	8.928	105	717066	48.113	ng	#	96
24) Nitrobenzene	9.316	77	554560	48.565	ng		100
25) Isophorone	9.845	82	976410	46.305	ng		99
26) 2-Nitrophenol	10.028	139	258387	48.019	ng	#	90
27) 2,4-Dimethylphenol	10.086	122	430782	48.850	ng		95
28) bis(2-Chloroethoxy)met...	10.322	93	590952	43.902	ng		99
29) 2,4-Dichlorophenol	10.569	162	468292	49.495	ng		98
30) 1,2,4-Trichlorobenzene	10.781	180	520869	46.914	ng		99
31) Naphthalene	10.975	128	1400586	43.233	ng		99
32) Benzoic acid	10.239	122	314351	45.503	ng		93
33) 4-Chloroaniline	11.081	127	233851	17.191	ng		97
34) Hexachlorobutadiene	11.251	225	368409	49.933	ng		99
35) Caprolactam	11.881	113	130295m	43.133	ng		
36) 4-Chloro-3-methylphenol	12.198	107	494317	46.887	ng		97
37) 2-Methylnaphthalene	12.569	142	983566	41.942	ng		98
38) 1-Methylnaphthalene	12.786	142	923396	42.073	ng		99
40) 1,2,4,5-Tetrachloroben...	12.933	216	633122	46.536	ng		99
41) Hexachlorocyclopentadiene	12.910	237	943384	130.543	ng		97
43) 2,4,6-Trichlorophenol	13.175	196	408037	47.943	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	439602	43.459	ng		99
46) 1,1'-Biphenyl	13.569	154	1314806	43.121	ng		98
47) 2-Chloronaphthalene	13.616	162	1031517	44.405	ng		99
48) 2-Nitroaniline	13.822	65	289780	44.195	ng		98
49) Acenaphthylene	14.457	152	1583229	43.237	ng		99
50) Dimethylphthalate	14.186	163	1299438	42.330	ng		99
51) 2,6-Dinitrotoluene	14.310	165	283231	42.442	ng		98
52) Acenaphthene	14.798	154	951091	42.683	ng		100
53) 3-Nitroaniline	14.639	138	184738	27.354	ng		96
54) 2,4-Dinitrophenol	14.845	184	374055	84.458	ng		92
55) Dibenzofuran	15.133	168	1541795	41.585	ng		98
56) 4-Nitrophenol	14.945	139	449676	81.950	ng	#	83
57) 2,4-Dinitrotoluene	15.098	165	384604	42.841	ng		99
58) Fluorene	15.780	166	1224233	42.112	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.357	232	401335	46.088	ng		99
60) Diethylphthalate	15.545	149	1277003	42.661	ng		99
61) 4-Chlorophenyl-phenyle...	15.769	204	681052	43.238	ng		97
62) 4-Nitroaniline	15.804	138	265734	37.572	ng	#	83
63) Azobenzene	16.063	77	1165270	43.027	ng		96
65) 4,6-Dinitro-2-methylph...	15.857	198	237504	42.362	ng		95
66) n-Nitrosodiphenylamine	15.986	169	1066240	43.652	ng		100
67) 4-Bromophenyl-phenylether	16.669	248	444944	46.747	ng		99
68) Hexachlorobenzene	16.786	284	511303	49.211	ng		98
69) Atrazine	16.939	200	417479	50.130	ng		99
70) Pentachlorophenol	17.133	266	663417	86.606	ng		100
71) Phenanthrene	17.533	178	1908484	42.245	ng		100
72) Anthracene	17.621	178	1960143	43.393	ng		100
73) Carbazole	17.886	167	1668704	41.033	ng		99
74) Di-n-butylphthalate	18.415	149	2094768	43.964	ng		99
75) Fluoranthene	19.480	202	2211488	39.268	ng		98
77) Benzidine	19.657	184	1175217	80.016	ng		100
78) Pyrene	19.833	202	2261765	46.972	ng		99
80) Butylbenzylphthalate	20.686	149	867139	50.669	ng		99
81) Benzo(a)anthracene	21.551	228	2194861	43.500	ng		100
82) 3,3'-Dichlorobenzidine	21.474	252	627012	39.499	ng		99
83) Chrysene	21.604	228	2068072	42.309	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1290591	48.369	ng		99
85) Di-n-octyl phthalate	22.415	149	2205550	46.389	ng		100
87) Indeno(1,2,3-cd)pyrene	26.803	276	2916430	46.562	ng	#	95
88) Benzo(b)fluoranthene	23.327	252	2324723	45.651	ng	#	98
89) Benzo(k)fluoranthene	23.380	252	2200441	42.569	ng	#	98
90) Benzo(a)pyrene	23.998	252	2037009	41.376	ng		98
91) Dibenzo(a,h)anthracene	26.815	278	2419676	46.108	ng		98
92) Benzo(g,h,i)perylene	27.633	276	2437484	46.972	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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